ERA miGuard

Wireless Accessory Pack:
Pet Friendly PIR Sensor
Magnetic Door/Window Sensor
Remote Control

INSTRUCTIONS

Model: **PMR1**

Congratulations on your purchase of the miGuard Accessory Pack

PACK CONTENTS

1 x Pet Friendly PIR Motion Sensor
1 x Door/Window Magnetic Sensor
1 x Remote Control
All Batteries and Fixings
Instructions

Before Installation:

a. Read the instructions thoroughly
b. Remove all the contents from their packaging
c. Consider the most appropriate positioning of each Accessory
d. Avoid mounting Sensors near metal objects or electrical wiring

1. PIR MOTION SENSOR

Features

Two Lens PIR : pet tolerant to 25 kgs, with a vertical and horizontal detection range of 110°

Digital dual-core fuzzy logic control chip and intelligent analysis: effectively identifies signal interference and body movement.

Automatic temperature compensation and anti-air turbulence technology/control: automatically adapts to environmental changes, thereby saving energy.

Automatic SMS notification of a low battery condition when connected to a miGuard GSM Alarm System.

Appearance

1. Detection Window
2. LED Indicator
3. Adjustable Bracket
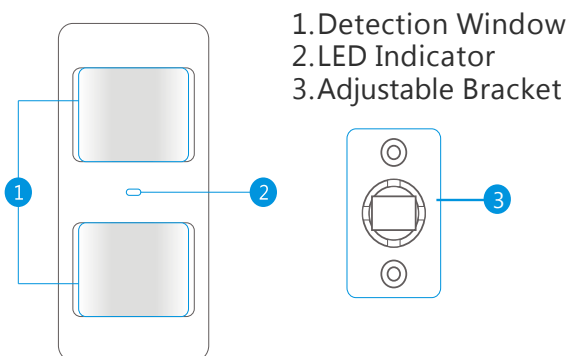
LED Indication

Flashes every 2 seconds: self-testing state
Flashes twice: self-testing is finished, enters working mode
Flashes once: movement is detected
Flashes once every 3 seconds: low battery indication, (immediate battery change recommended).
If the PIR is connected to a miGuard GSM Alarm System, an SMS alert will automatically be sent to the registered user.

PCB Layout

LED ON / OFF
Infrared sensor
Tamper switch
AA 1.5V LR6
AA 1.5V LR6
Zone setting
Infrared sensor
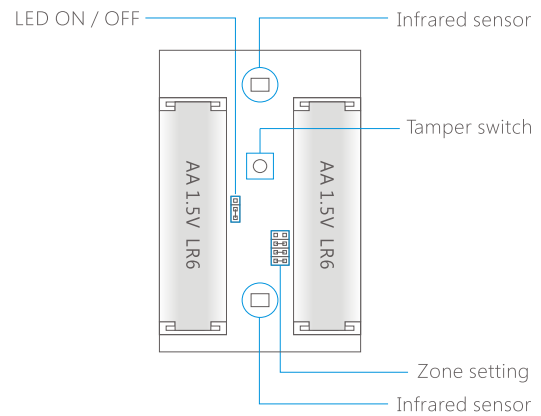
Infrared Sensor: Detects movement and triggers alarm signal when the system is armed.

Tamper Switch: If the casing is opened when in 'working state' the tamper switch will be triggered and generate an alarm signal.

Test Mode

1. Remove the activation strip. Fit the retaining screw supplied.
2. Self-testing will commence for 1 minute, indicated by the LED flashing every 2 seconds.
3. To enter Test Mode press the Test Button at the back of the PIR. The LED will then flash once when movement is detected, for up to 3 minutes.

Test Button
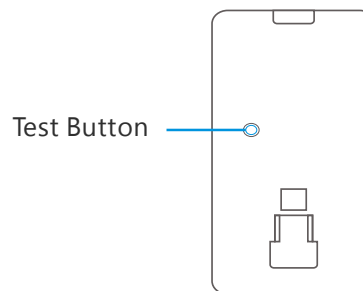
Working Mode

1. To test in Working Mode, walk in front of the Sensor - the LED should illuminate once when movement is detected.

2. If the Sensor is triggered twice in 3 minutes it will enter into power saving (sleep mode). If no movement is detected within the next 3 minutes, the Sensor will return to normal working mode.

Installation

Avoid mounting the Sensor in areas where draughts may be present or where the temperature may fluctuate greatly, such as near to: windows, air conditioning, heating, refrigeration units, cooking appliances and direct sunlight.

Where possible, mount the Sensor in the corner of the room so that the logical path of an intruder would cut across the fan detection pattern (see diagrams overleaf). A PIR responds more effectively to movement across the device than to movement directly towards it.

PIR Installation continued...

4. Fit the Sensor in a position that will cover your desired protection area:

   a. Fix the bracket to the wall with the fixings kit supplied. For optimum performance set the the height of the bracket to 2 metres above ground level.
   b. Adjust angle of the PIR Sensor to cover the required detection area.

2m

Ground

Top view   Side
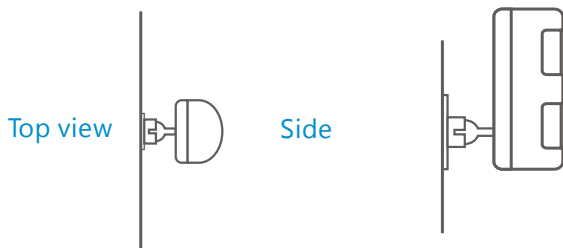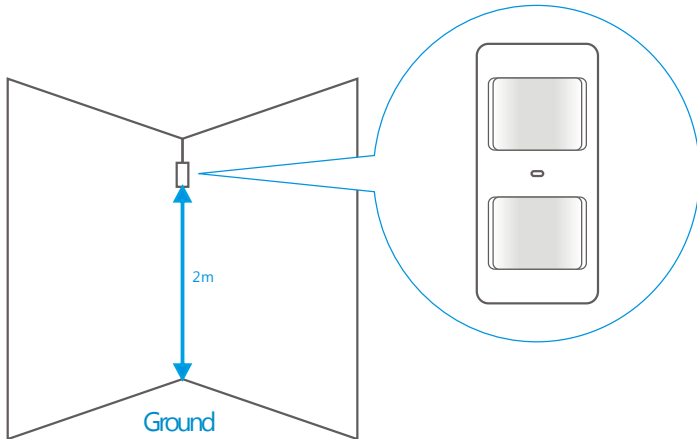
5. To test, walk in front of the Sensor - the LED should illuminate once when movement is detected. If the Sensor is triggered twice in 3 minutes, it will enter into power saving (sleep mode). If no movement is detected within the next 3 minutes, the Sensor will return to normal working mode.

Specification

| Power Supply	DC 3V (AA 1.5V LR6 Battery x 2)
Static Current	≤ 90uA
Alarm Current	≤ 9.5mA
Detection Area	8m/110°
Transmitting Distance	≤80m (in open area)
Pet Immunity	≤ 25kg
Radio Frequency	433 MHz
Housing Material	ABS Plastic
Operating Temperature	-10°C~50°C
Relative Humidity	≤ 80% (non-condensing)
PIR Sensor Dimensions (L x W x D)	108 x 52 x 36.8 mm
Bracket Dimensions (L x W x D)	52 x 30 x 26.5 mm

2. DOOR/WINDOW SENSOR

Features

The Sensor can be fitted to doors, windows, and any other object that opens and closes.

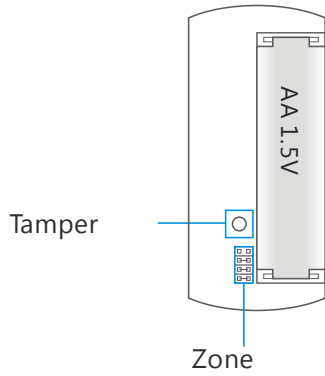Transmits a signal to the Control Panel/Siren when contact is broken.

Appearance

LED Indicator

Transmitter

Magnet
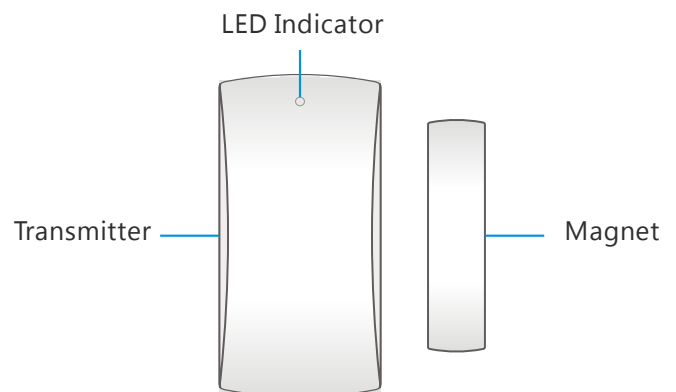
LED Indication

Flashes once: door/window opened, transmitter sends signal to the Control Panel/Siren

Flashes rapidly: low battery indication, (immediate battery change recommended)

PCB Layout

Tamper

AA 1.5V

Zone

Installation

1. Remove the activation strip from the battery compartment.
2. Remove the backing paper from one side of each double-sided adhesive strips. Fix one adhesive strip to the back of the Magnet and one to the back of the Transmitter (alternatively for permanent fixing use the screws supplied).
3. Peel off the other side of each adhesive strip. Mount the Magnet on the door and the Transmitter on the door frame (small triangles facing each other), with less than a 6mm separation between the two.
4. When opening the door a small red indicator lights up briefly, this indicates that the Transmitter has sent a signal to the Control Panel.

LED

LED
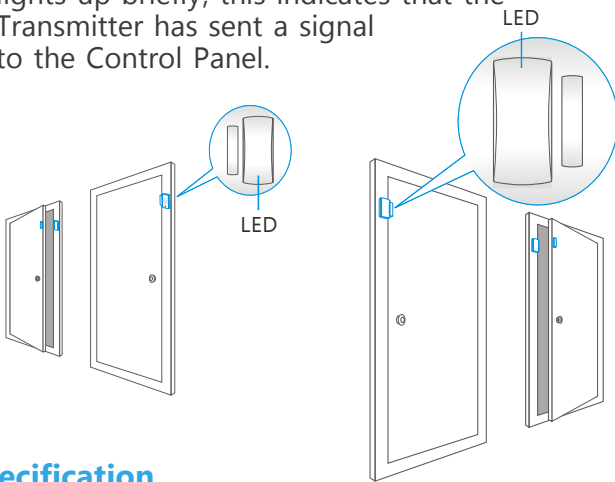
Specification

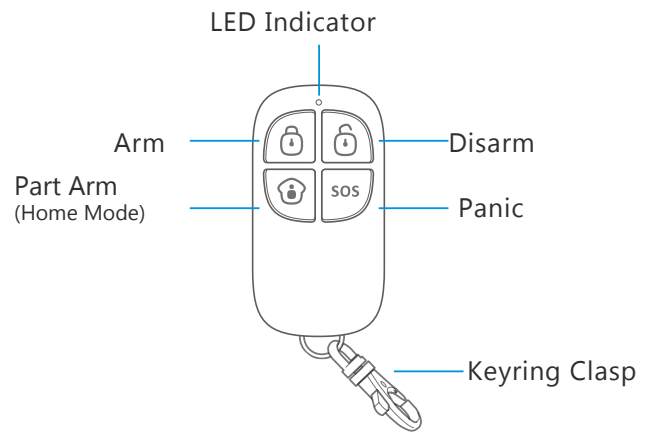| Power Supply	DC 1.5V (AA 1.5V LR6 Battery x 1pc)		
Static Current	≤ 30uA	Alarm Current	≤ 40mA
Transmitting Distance	≤80m (in open area)		
Radio Frequency	433MHz		
Housing Material	ABS Plastic		
Operating Temperature	-10°C~55°C		
Relative Humidity	≤ 80% (non-condensing)		
Sensor Dimensions (LxWxD)	71 x 34 x 17.5mm		
Magnet Dimensions (LxWxD)	51 x 12 x 13.5mm		

3. REMOTE CONTROL

Features

The Remote Control enables you to quickly and conveniently Arm and Disarm your Alarm System.

In the event of an emergency when in or near your property, pressing the SOS button will trigger an alarm condition on the Control Panel/Siren.

Appearance

LED Indicator

Arm

Part Arm
(Home Mode)

Disarm

Panic

Keyring Clasp

LED Indication

Flashes once: transmits the signal
Low Light Level: low battery indication, (immediate battery change recommended)

Buttons/Functions

See over.

Specification

Power Supply	DC3V CR2025 Lithium Battery
Transmitting Distance	≤80m (in open area)
Radio Frequency	433 MHz
Housing Material	ABS Plastic
Operating Temperature	-10°C~50°C
Relative Humidity	≤ 80% (non-condensing)
Dimensions (L x W x D)	58 x 31 x 9.5mm

REMOTE CONTROL BUTTONS/FUNCTIONS

🔒	Arm	Press to Arm the Control Panel/Siren and all of the Accessories (Full Arm)
🔓	Disarm	Press to Disarm the System
🔒	Part Arm (Home Arm)	Press to Part Arm the System (for Control Unit Systems only)
✉	Panic	Press to activate a Panic Alarm (SOS). The Control Panel will auto-dial out to the pre-set phone numbers immediately
+	Mute Arm	Press to Arm the System with the Solar Siren in Mute/Silent Mode
+	Mute Disarm	Press to Disarm the System with the Solar Siren in Mute/Silent Mode

Suggested Installation/Layout

Wireless External Siren

Pet Friendly PIR Motion Sensor

Pet Friendly PIR Motion Sensor

Magnetic Door/Window Sensor

Smartphone App or Remote Control

Control Panel
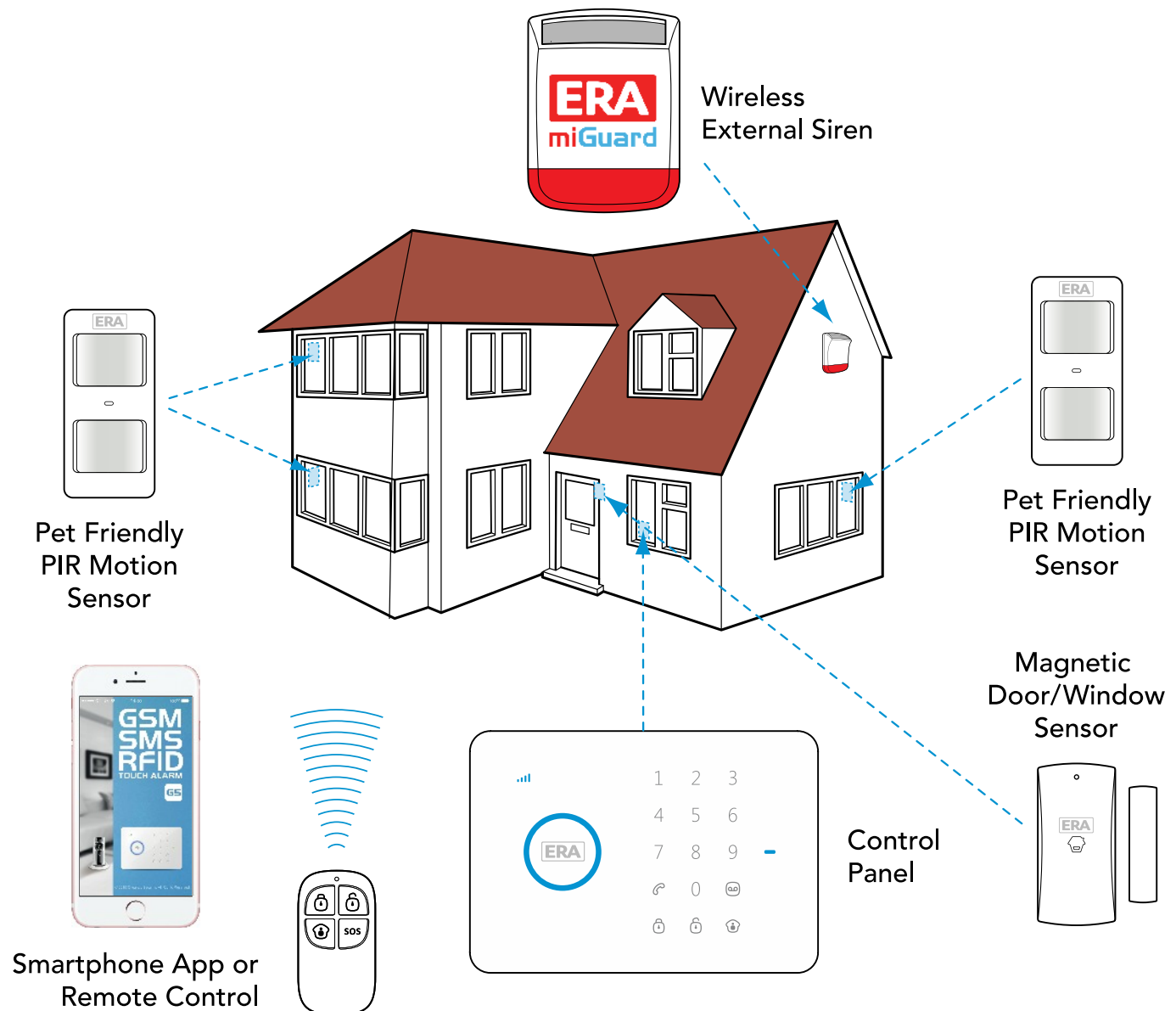
Product Guarantee *

We at ERA firmly believe in the quality of our goods. Our technology achieves outstanding performance and durability and we can therefore offer, in addition to your statutory rights, an additional limited guarantee. In the event of any material defects in any product manufactured by us due to faulty design, materials and/or workmanship, and which arise following correct installation and during normal use in accordance with our instructions, as included in the product packaging, within the period of two years from the date of purchase, we will either repair, provide a replacement, substitute with an equivalent product free of charge from our then current range or refund in full the amount paid for the product at point of purchase.

Conditions
In order to take advantage of our guarantee, you must comply with the following conditions:-
1. This limited guarantee is not transferable and is extended only to, and is solely for the benefit of, the original purchaser of the product. Please retain your dated sales invoice as proof of purchase and forward this to us if you wish to make a claim under this guarantee.
2. Products must be installed, used and maintained in accordance with our instructions otherwise the guarantee will be invalidated.
3. The product must not be damaged or modified in any way nor must it have been subjected to any unauthorised repairs.

Exclusions
This guarantee does not cover:-
1. Periodic maintenance, repair and replacement of parts due to fair wear and tear.
2. Abuse or misuse, including but not solely limited to the failure to use this product for its normal purposes or in accordance with ERA's instructions on usage and maintenance.
3. Failure of the product arising from incorrect installation or use not consistent with the instructions supplied and the cost of any removal or installation of products.
4. Accidents, Acts of God, lightning, water, fire, public disturbances, improper ventilation, voltage fluctuations or any cause beyond the control of ERA (Force Majeure).
5. Unauthorised modifications carried out to the product.
6. Damage caused by incorrect/improper use of supplied batteries.
7. Alteration to, deletion, removal or illegibility of the Serial Number as shown on the Product Label.
8. Consumables: any damages so caused by the use of batteries not supplied by ERA.
9. Repair or attempted repairing by bodies who are not ERA authorised repairers.
10. Neglect.
11. The loss of any stored data on your product.

This guarantee is in addition to your contractual and statutory rights and does not affect your statutory rights

To make a claim
Please contact Customer Support either by telephone on 0345 257 1000 or email info@eramiguard.com, with full details of your claim. If your claim satisfies our Conditions and is not subject to any of our Exclusions, we will agree with you the repair, replacement, substitution or refund of payment of goods. For product returns you will be issued with a Return Authorisation Number (RAN). Please note: Returns will not be accepted unless accompanied by a RAN.

 *Terms and conditions apply.

Disposal & Recycling
Disposal of this product is covered by the Waste Electrical or Electronic Equipment (WEEE) Directive. It should not be disposed of with other household or commercial waste.

At the end of its useful life, the packaging and product should be disposed of via a suitable recycling centre. Please contact your local authority or retailer from where the product was purchased for information on available facilities.

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